



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,963	07/10/2001	William G. Sample	H0001394	9212
128	7590	03/23/2005	EXAMINER	
HONEYWELL INTERNATIONAL INC.			KNOWLIN, THJUAN P	
101 COLUMBIA ROAD			ART UNIT	
P O BOX 2245			PAPER NUMBER	
MORRISTOWN, NJ 07962-2245			2642	

DATE MAILED: 03/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/902,963

Applicant(s)

SAMPLE ET AL.

Examiner

Thjuan P Knowlin

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-72 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-72 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections – 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1-72 are rejected under 35 U.S.C. 102(e) as being anticipated by Ward (US 6,282,417).
2. In regards to claims 1, 10, 19, 24, 25, 31, 39, 58, 70, 71, and 72, Ward discloses a device (radio 52), method, and decoder, comprising: a database (ATC {air traffic control} database 64) of stored radio frequency identifiers and radio frequency information corresponding thereto; and a processor coupled to the database and operating one or more algorithms (logic) (col. 7 lines 41-63) for generating a display signal as a function of a correspondence between a decoded radio frequency identifier and one of the stored radio frequency identifiers (Fig. 2, Fig. 3, col. 9 lines 1-28, col. 9-10 lines 59-10, and col. 10 lines 24-32).
3. In regards to claims 2 and 32, Ward discloses the device and method, wherein the database of stored radio frequency identifiers is accessed as a function of a radio frequency signal and a position signal (col. 10 lines 24-32).

Art Unit: 2642

4. In regards to claims 3 and 69, Ward discloses the device and method, further comprising a memory device (CPU 56) having the database stored therein (col. 10 lines 24-30).

5. In regards to claims 4 and 37, Ward discloses the device and method, wherein the one or more algorithms operated by processor includes one or more algorithms for generating the decoded radio frequency identifier by decoding a coded radio frequency identifier (col. 7 lines 41-63).

6. In regards to claims 5, 14, 38, 43, 49, 50, 52, 53, 54, 55 56, 57, 59, 60, 61, 62, 63, 64, 65, 66, 67, and 68, Ward discloses the device, method, and decoder, wherein the coded radio frequency identifier is coded in Morse (col. 5 lines 12-14 and col. 10 lines 11-23).

7. In regards to claims 6, 7, 8, 9, 13, 22, 23, 30, and 42, Ward discloses the device and method, wherein the display signal is one of a signal indicative of a correspondence and a divergence between the decoded radio frequency identifier and the stored radio frequency identifier (col. 7 lines 41-63 and col. 9 lines 1-28).

8. In regards to claims 11, 12, 20, 21, and 40, Ward discloses the device, further comprising means for interrogating the storing means as a function of the predetermined radio frequency to select radio frequency information (col. 9 lines 1-28 and col. 9-10 lines 59-10).

9. In regards to claims 15, 26, 27, 33, and 44, Ward discloses the device and method, further comprising means (display 42) for displaying the selected radio frequency information (col. 9 lines 10-28).

10. In regards to claims 16 and 45, Ward discloses the device and method, wherein the means for displaying the selected radio frequency information includes means for displaying one of the selected radio frequency information and warning information as a function of the comparison signal (col. 9 lines 22-28).

11. In regards to claims 17, 29, 41, and 46, Ward discloses the device and method, wherein the means for interrogating the storing means as a function of a predetermined radio frequency to select one of the stored radio frequency identifiers includes means for interrogating the storing means as a function of a position signal (col. 6 lines 46-67).

12. In regards to claims 18 and 47, Ward discloses the device and method, further comprising means for displaying the selected radio frequency information as a function of the comparison signal (col. 13 lines 5-11).

13. In regards to claims 28, 34, 35, and 36, Ward discloses the method, wherein altering the displayed database information includes altering one or more of a color and a text of the displayed database information (col. 11 lines 51-62).

14. In regards to claim 51, Ward discloses the decoder, further comprising: a correlator circuit receiving an output of the Morse symbol decoder and a predicted Morse code radio frequency identifier, the correlator circuit structured to correlate the output of the Morse symbol decoder with the predicted Morse code radio frequency identifier to determine whether the detected VHF radio frequency signal identifier corresponds to the predicted identifier (col. 12-13 lines 54-11).

### ***Conclusion***

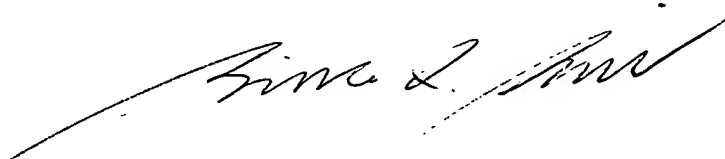
15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Dominguez (US 5,946,635) teaches a sporting event configurable radio receiver/scanner.

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P Knowlin whose telephone number is (703) 308-1727. The examiner can normally be reached on Mon-Fri 8:00-4:30pm.

17. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703)305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

18. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thjuan P. Knowlin



**BING Q. BUI**  
**PRIMARY EXAMINER**